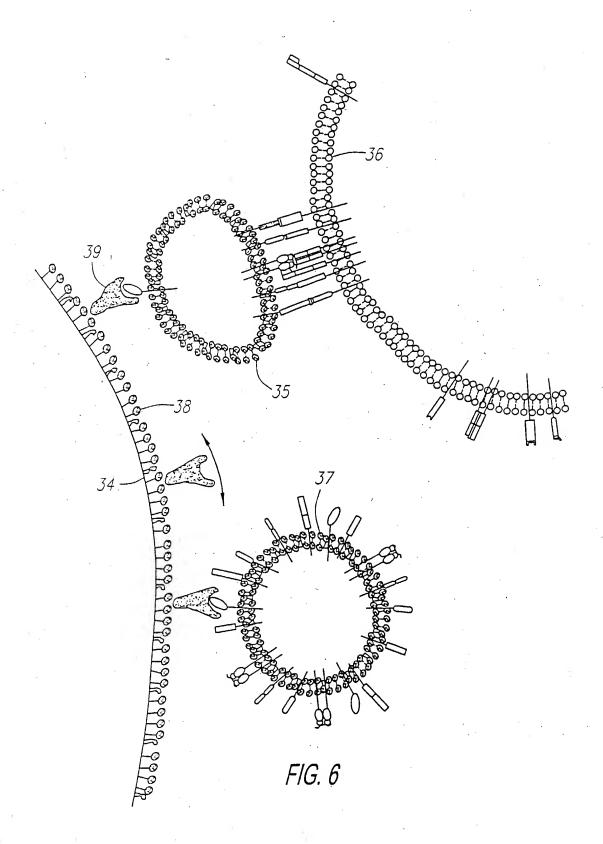
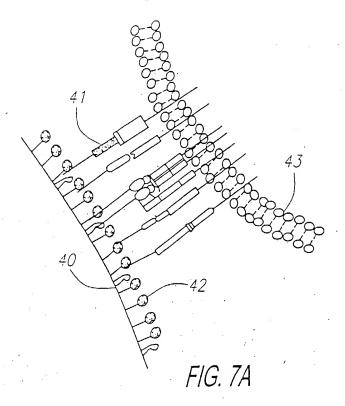
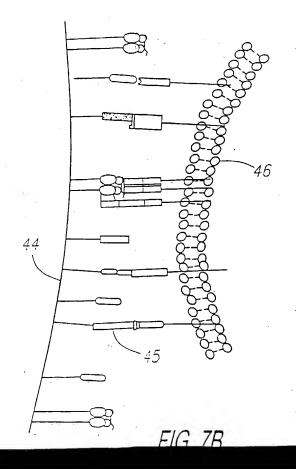


FIG. 5







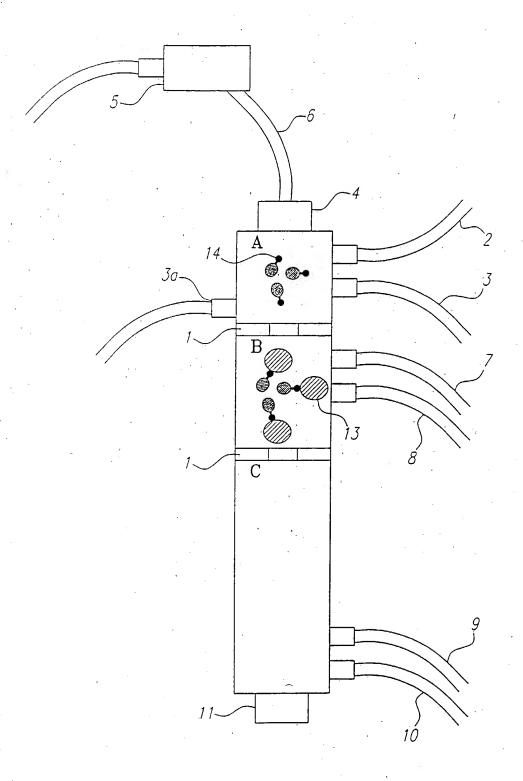
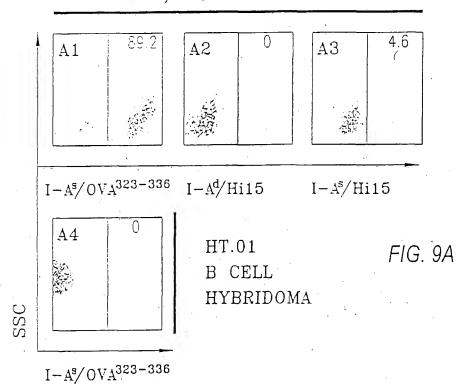
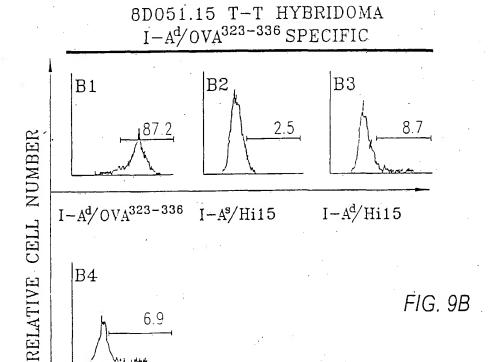


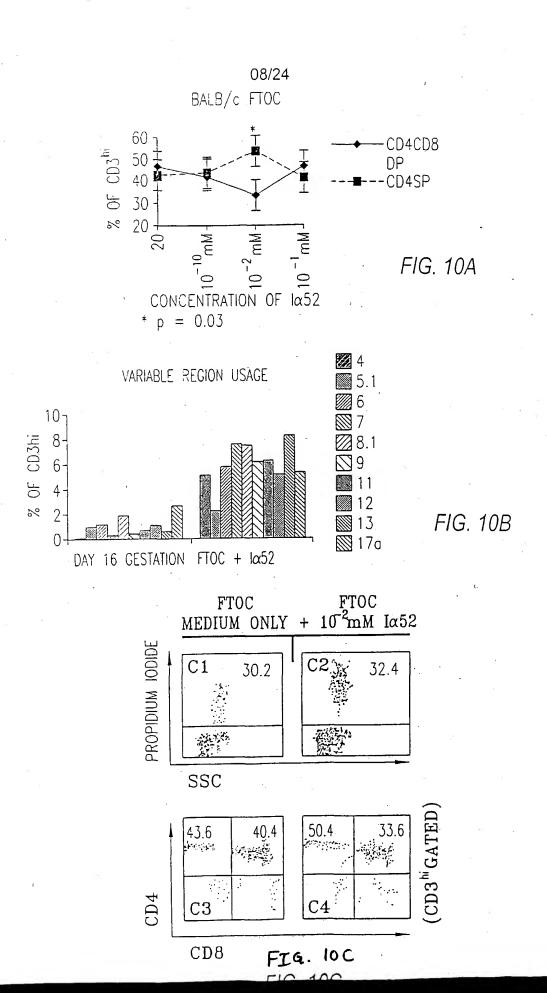
FIG. 8

AG111.207 T-T HYBRIDOMA $I-A^{s}/OVA^{323-336}$ SPECIFIC





 $I-A^d$



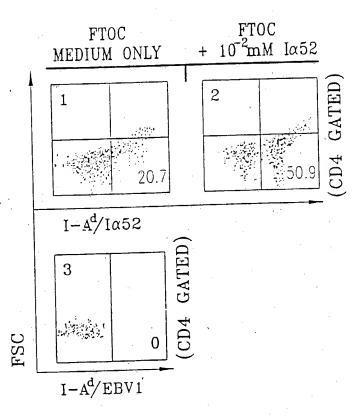
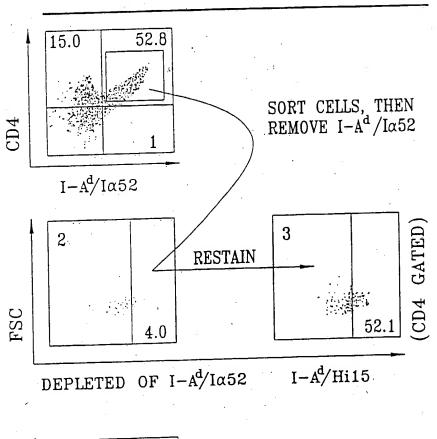


FIG. 11

$I\alpha52$ SUPPLEMENTED FTOC Hi15 EXPANDED LINE



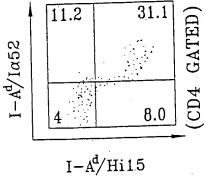


FIG. 12

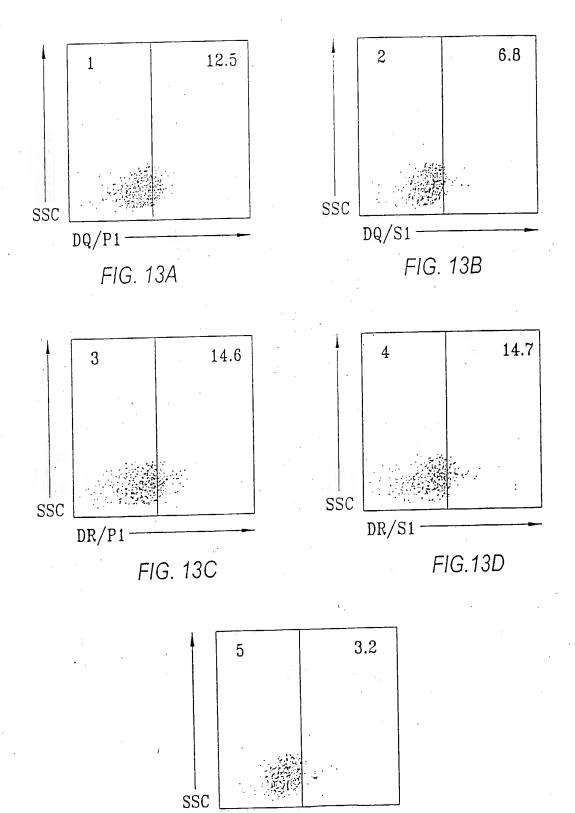


FIG. 13E

DQ/MtD1

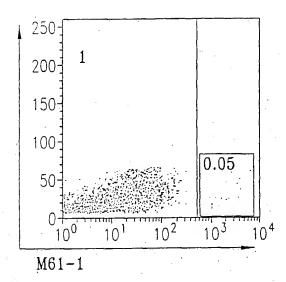


FIG. 14A

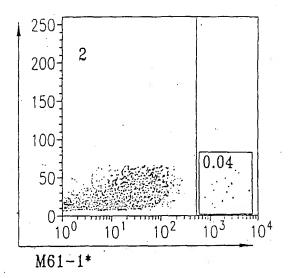


FIG. 14B

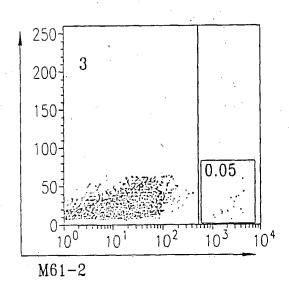


FIG. 14C

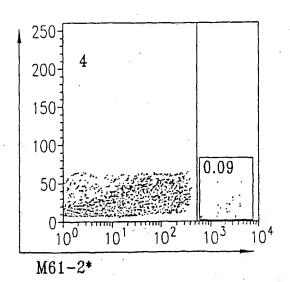


FIG. 14D

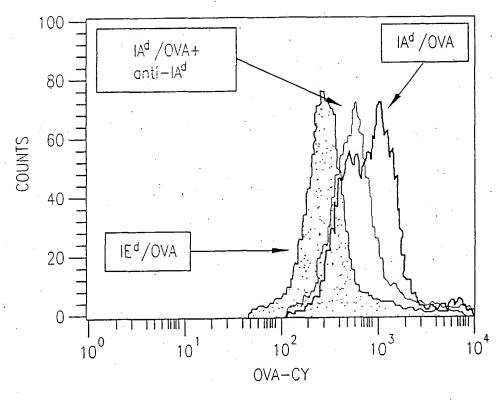
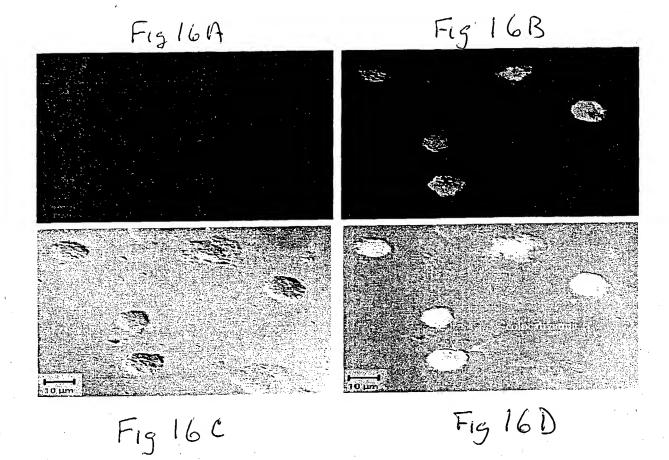


FIG. 15



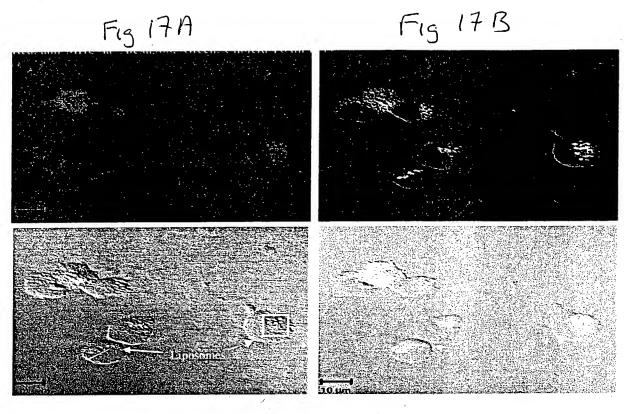
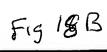


Fig 17C

F1G 17D

Fig 18A







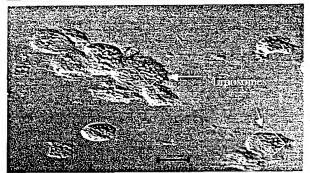
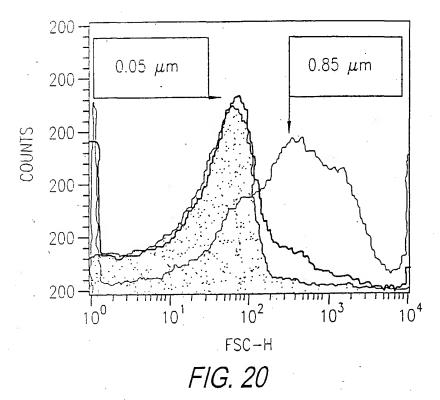
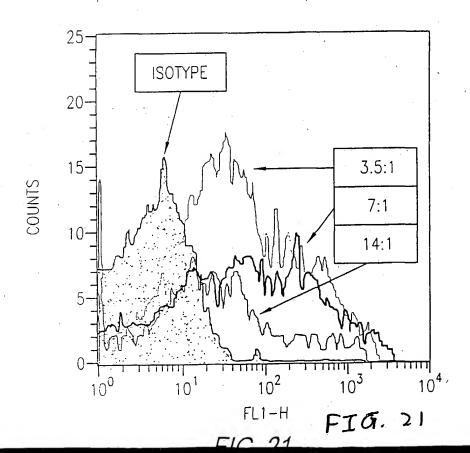


Fig 18C

Fig. 180

FIG. 19A.	16		
RT pH7			
37oC pH5			
FIG. 19B.	200 20 2 0.1x	200 20 2 0.1x	
FIG. 19C.	16	24	
RT			
pH7			
37oC	ا بند .		
рН5			
FIG. 19D.	70 10 1x	70 10 1x	





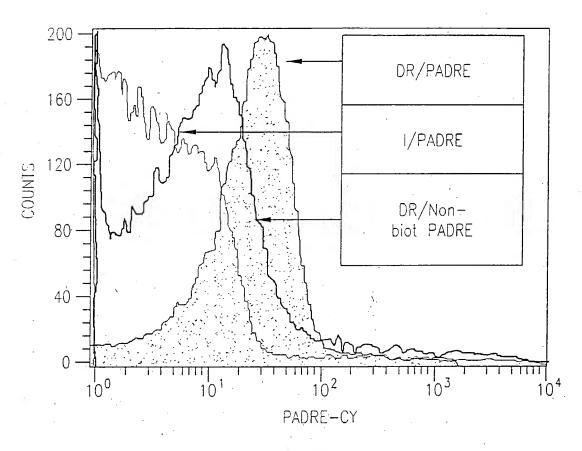
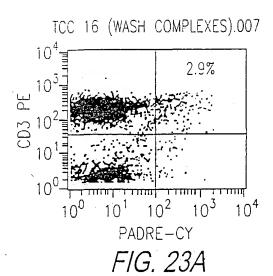
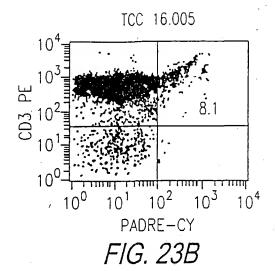
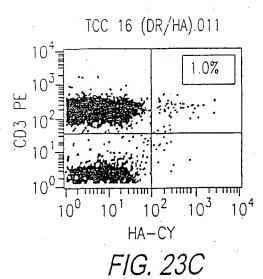
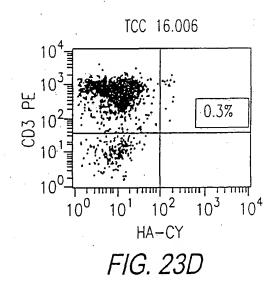


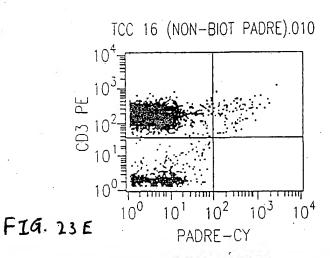
FIG. 22

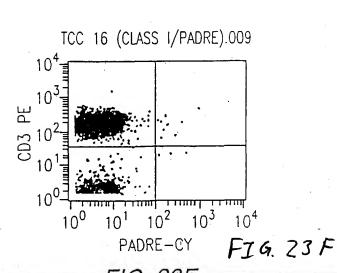












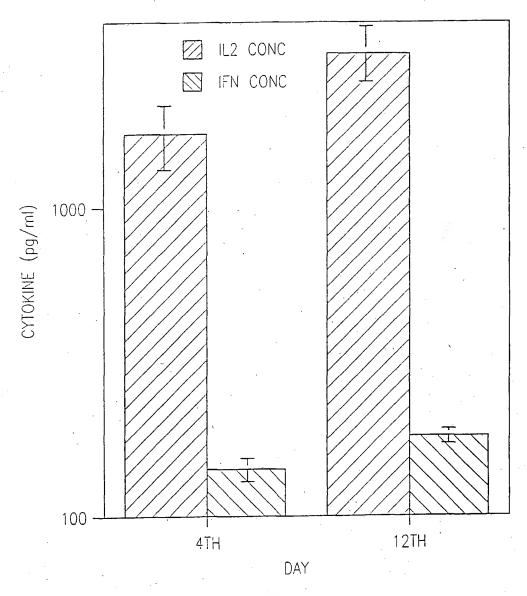
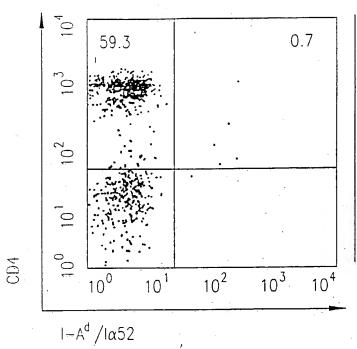
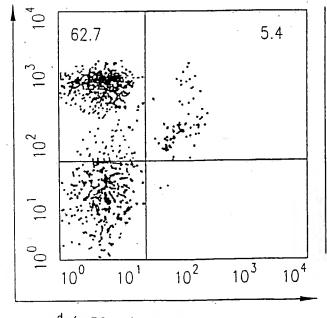


FIG. 24



ADJUTANT IMMUNIZED BALB/c LYMPH NODE DERIVED CELLS

FIG. 25A



Iα52 IMMUNIZED BALB/c LYMPH NODE DERIVED CELLS

 $1-A^{d}/l\alpha 52$

CD4

FIG. 25B

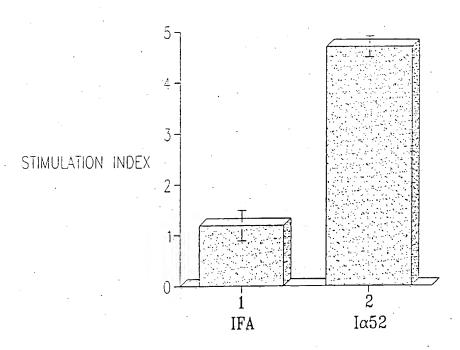


FIG. 26

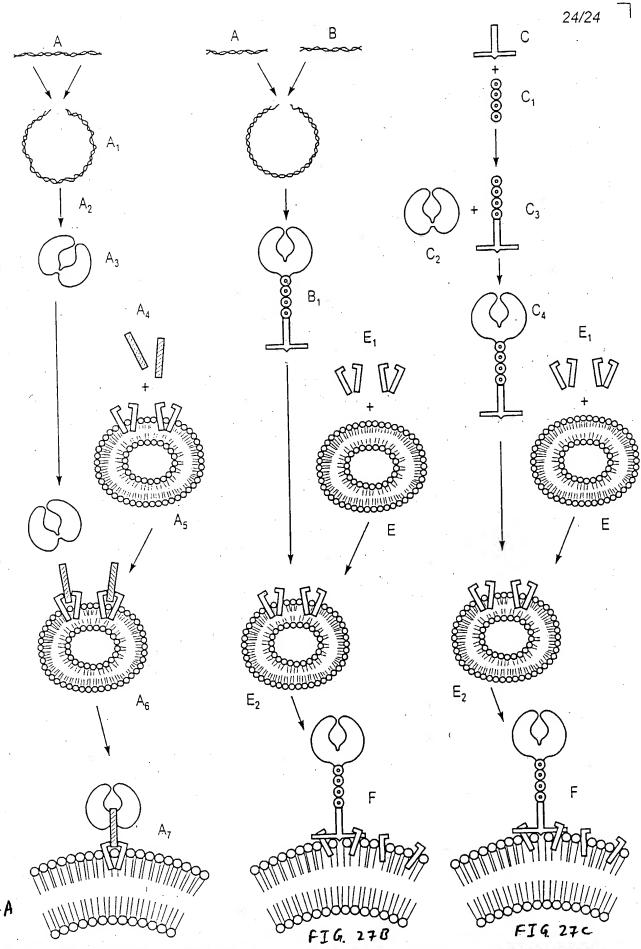
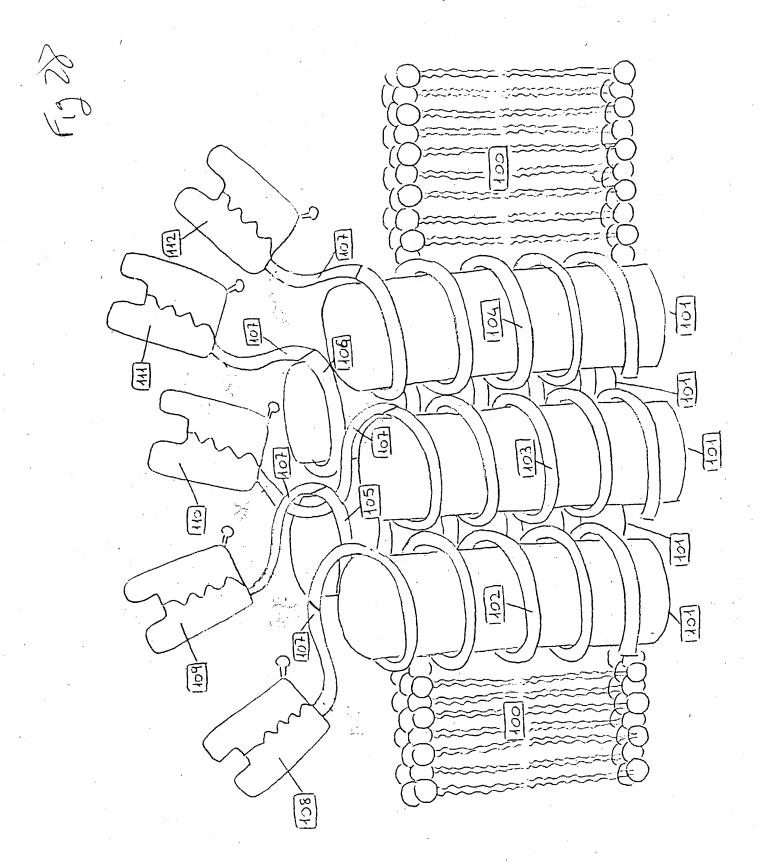


FIG. 27A



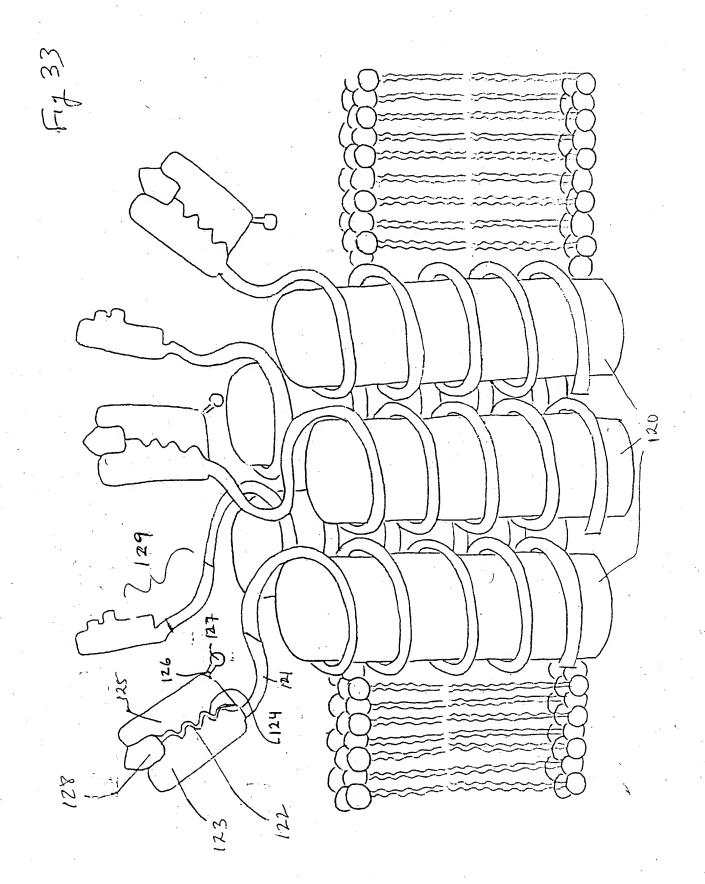
O G T S P S K C P Y L N TRR atq ggc cac aca cgg agg cag gga aca tca cca tcc aag tgt cca tac ctc aat ttc ttt s H F C G L S G v H V $L \cdot A$ I cag etc tig gig etg get ggt ett tet cac tic tgt tea ggt git atc cac gig acc aag V A s Ç'G N V E L H V s T gaa gtg aaa gta gca acg ctg tcc tgt ggt cac aat gtt tct gtt gaa gag ctg gca K Q E K K M v M caa act ege ate tae tgg caa aag gag aag aaa atg gtg etg act atg atg tet ggg gae P E Y K T 1 F I N R D atg aat ata tgg ccc gag tac aag aac cgg acc atc ttt gat atc act aat aac ctc tcc Ε G Т Y С I V I · L A L R P S D Ε att gtg atc ctg gct ctg cgc cca tct gac gag ggc aca tac gag tgt gtt gtt ctg aag R E H L. A E V T D Α F K tat gaa aaa gac gct ttc aag cgg gaa cac ctg gct gaa gtg acg tta tca gtc aaa gct S I S D F. E I ₽ T S N R gac tto cot aca cot agt ata tot gac ttt gaa att coa act tot aat att aga agg ata SGGFPE P H L S W att tgc tca acc tct gga qqt ttt cca gag cct cac ctc tcc tgg ttg gaa aat gga gaa T V T S N Q D P E T E Δ I gaa tta aat gcc atc aac aca gtt tcc caa gat cct gaa act gag ctc tat gct gtt N F G G S G S A T P O Ι age gaa tie gge gge tee ggt ggt age gee aca eet caa aat att act gat tig tgt Y H Ň T 0 I H T - LN D K Ι F S gca gaa tac cac aac aca caa ata cat acg cta aat gat aag ata ttt tcg tat aca gaa S L A G K R E M A I $_{\cdot}$ I T F K N G A T F Q tot ota got gga aaa aga gag atg got atc att act ttt aag aat ggt gca act ttt caa G S Q H I D S Q K K A I E gta gaa gta cca ggt agt caa cat ata gat tca caa aaa aaa gcg att gaa agg atg aag A Y L T E v EKLC A K gat acc ctg agg att gca tat ctt act gaa gct aaa gtc gaa aag tta tgt gta tgg aat P H Α A I Α I S M aat aaa acg cct cat gcg att gcc gca att agt atg gca aat taa

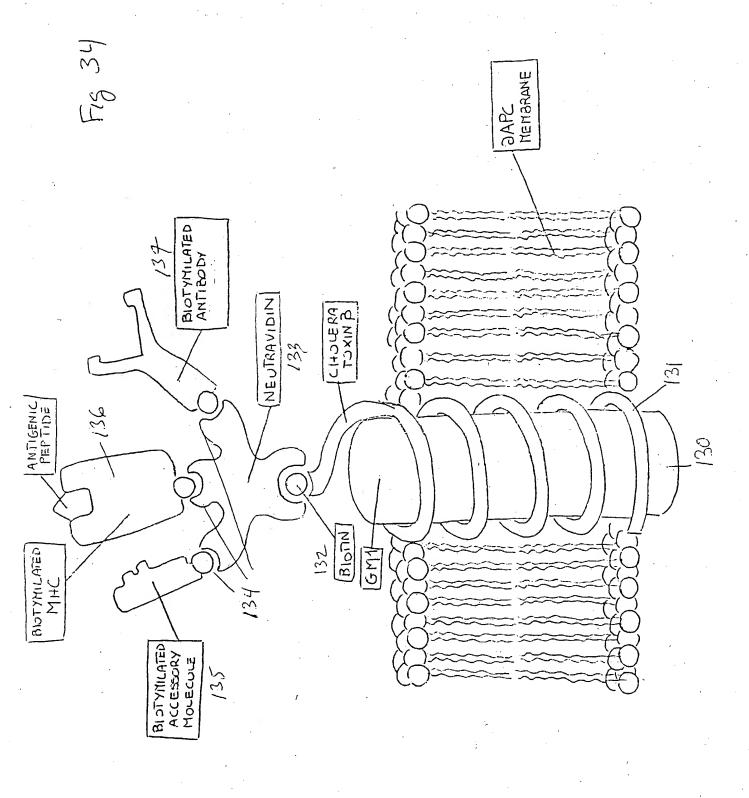
N I L F V M A F L L S G atg gga ctg agt aac att ctc ttt gtg atg gcc ttc ctg ctc tct ggt gct gct cct etg C F E T L P N Α D aag att caa get tat tte aat gag act gea gae etg eea tge eaa ttt gea aac tet eaa Ε L V V F W Q D N aac caa agc ctg agt gag cta gta gta ttt tgg cag gac cag gaa aac ttg gtt ctg aat K F D S V H Y L G K Ε S K Y gag gta tac tta ggc aaa gag aaa ttt gac agt gtt cat tcc aag tat atg ggc cgc aca S W T L L H N L Q I R agt tit gat tog gad agt tog add ott gad att cac aat cit dag atd aag gad aag ggd M I R I H H K K P T G I ttg tat caa tgt atc atc cat cac aaa aag ccc aca gga atg att cgc atc cac cag atg PEIVPI S E L S V L A N F S Q aat tot gaa ctg toa gtg ott got aac tto agt caa cot gaa ata gta coa att tot aat N V Y I N L T C S S I H G ν ata aca gaa aat gtg tac ata aat ttg acc tgc tca tct ata cac ggt tac cca gaa cct S V L L R T K S T I E Y D G N aag aag atg agt gtt ttg cta aga acc aag aat tca act atc gag tat gat ggt att atg N V T E L Y V S D D I S cag aaa tot caa gat aat gto aca gaa otg tao gao gtt too ato ago ttg tot gtt toa N TIFCILE M tte cet gat gtt acg age aat atg ace ate tte tgt att etg gaa act gae aag acg egg D P Q P P F S E L E I ctt tta tct tca cct ttc tct ata gag ctt gag gac cct cag cct ccc cca gac cac gaa Q N I T D L C A G s A \mathbf{T} P tte gge gge tee ggt ggt age gee aca eet caa aat att aet gat ttg tgt gea gaa I F S T L N D ·K N T 0 Ι H tac cac aad aca caa ata cat acg cta aat gat aag ata ttt tcg tat aca gaa tct cta I I T F K N G A A E M gct gga aaa aga gag atg gct atc att act ttt aag aat ggt gca act ttt caa gta gaa S Q H I D S Q K K Α Т gta cca ggt agt caa cat ata gat tca caa aaa aaa gcg att gaa agg atg aag gat acc I A Y L T E A K V E K L ctg agg att gca tat ctt act gaa gct aaa gtc gaa aag tta tgt gta tgg aat aat aaa A I A Α I S acg cct cat gcg att gcc gca att agt atg gca aat taa

F F S G V P V L G I Ι Α ATG GCC ATA AGT GGA GTC CCT GTG CTA GGA TTT TTC ATC ATA GCT GTG CTG ATG AGC GCT A.I.K E E H V I Τ 0 Α CAG GAA TCA TGG GCT ATC AAA GAA GAA CAT GTG ATC ATC CAG GCC GAG TTC TAT CTG AAT F D G E F M F D $G \cdot D$ E Τ CCT GAC CAA TCA GGC GAG TTT ATG TTT GAC TTT GAT GGT GAT GAG ATT TTC CAT GTG GAT K ٦. V W E E F R L G R·FA ATG GCA AAG AAG GAG ACG GTC TGG CGG CTT GAA GAA TTT GGA CGA TTT GCC AGC TTT GAG ĖΤ L A NIA V D K A N L GCT CAA GGT GCA TTG GCC AAC ATA GCT GTG GAC AAA GCC AAC CTG GAA ATC ATG ACA AAG N Р I T N V Р P Ε CGC TCC AAC TAT ACT CCG ATC ACC AAT GTA CCT CCA GAG GTA ACT GTG CTC ACG AAC AGC V LICF P N E L R E I D K CCT GTG GAA CTG AGA GAG CCC AAC GTC CTC ATC TGT TTC ATC GAC AAG TTC ACC CCA CCA W T, R N G K P V T T GTG GTC AAT GTC ACG TGG CTT CGA AAT GGA AAA CCT GTC ACC ACA GGA GTG TCA GAG ACA R E D H F R K F GTC TTC CTG CCC AGG GAA GAC CAC CTT TTC CGC AAG TTC CAC TAT CTC CCC TTC CTG CCC v C R V E H W G TCA ACT GAG GAC GTT TAC GAC TGC AGG GTG GAG CAC TGG GGC TTG GAT GAG CCT CTT CTC F PSPLP TEEF A Ε T AAG CAC TGG GAG TTT GAT GCT CCA AGC CCT CTC CCA GAG ACT ACA GAG GAA TTC GGT GGT L E W 0 TCC GGT GGT TCC GCG CAG CTG GAA TGG GAA CTG CAG GCG CTG GAA AAA GAA AAC GCG CAG LQALEKELA CTG GAA TGG GAA CTG CAG GCG CTG GAA AAA GAA CTG GCG-CAG GGC GGC TCC GGT GGT AGC L C A E GCC ACA CCT CAA AAT ATT ACT GAT TTG TGT GCA GAA TAC CAC AAC ACA CAA ATA CAT K IFSYTES G L Α KRE ACG CTA AAT GAT AAG ATA TTT TCG TAT ACA GAA TCT CTA GCT GGA AAA AGA GAG ATG GCT F Q Ė V P N G v ATC ATT ACT TTT AAG AAT GGT GCA ACT TTT CAA GTA GAA GTA CCA GGT AGT CAA CAT ATA KKAIER M K D T R GAT TCA CAA AAA AAA GCG ATT GAA AGG ATG AAG GAT ACC CTG AGG ATT GCA TAT CTT ACT V E K L C V W N N K T H GAA GCT AAA GTC GAA AAG TTA TGT GTA TGG AAT AAA ACG CCT CAT GCG ATT GCC GCA s M A N ATT AGT ATG GCA AAT TAA

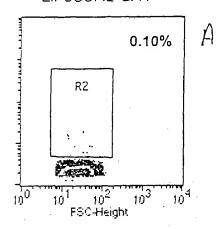
```
1/1
                                      31/11
 M V C L K
                                 S C M A
                 F P
                          G
                             G
                                                   L
                                                       T
                                               A
 ATG GTG TGT CTG AAG TTC CCT GGA GGC TCC TGC ATG GCA GCT CTG ACA GTG ACA CTG ATG
 61/21
                                      91/31.
           S
               P
                   L
                                                   R
                                                       F
   Ţ,
                       A
                          Ţ.
                              Α
                                  G
                                      D T
                                               ₽
                                                            L
                                                                   Q
                                             R
                                                               Ε
 GTG CTG AGC TCC CCA CTG GCT TTG GCT GGG GAC ACC CGA CCA CGT TTC TTG GAG CAG GTT
                                      151/51
                   F
                       F
 K H E C
               Η
                                     E R V
                          N
                              G
                                  T
                                               R
                                                    F
                                                        L
                                                            D
                                                               R
                                                                   Y
 AAA CAT GAG TGT CAT TTC TTC AAC GGG ACG GAG CGG GTG CGG TTC CTG GAC AGA TAC TTC
                                     211/71
 181/61
          E
               E
                   Y
                      V
                          R
                              먁
                                  D
                                     S D V G
                                                   E
                                                       Y
                                                           R
TAT CAC CAA GAG GAG TAC GTG CGC TTC GAC AGC GAC GTG GGG GAG TAC CGG GCG GTG ACG
241/81
                                     271/91
E L
          R.
               P
                   D
                          E
                                     N S
                      Α
                              Y
                                 W
                                            Q
                                               K
                                                    D
                                                        L
                                                           L
GAG CTG GGG CGT GAT GCC GAG TAC TGG AAC AGC CAG AAG GAC CTC CTG GAG CAG AAG
301/101
                                     331/111
                                     N Y G V G
                   T
          V
               D
                      Y
                         - C
                                                       Ē
                                                           S
                                                               F
                                                                   T
  A A
                              R
                                 H
                                                                      V
CGG GCC GCG GTG GAC ACC TAC TGC AGA CAC AAC TAC GGG GTT GGT GAG AGC TTC ACA GTG
361/121
                                     391/131
                              Т
                                               K
              Y
                  P
                          V
                                 V
                                     Y P A
                                                   T
                      Ε
                                                       Q
                                                           P
CAG CGG CGA GTC TAT CCT GAG GTG ACT GTG TAT CCT GCA AAG ACC CAG CCC CTG CAG CAC
421/141
                                     451/151
H N L
                      S
                                     F Y P
          L
              V
                  C
                          V.
                             N
                                 G
                                                G
                                                   S
                                                       Ι
                                                           Ε
                                                               7.7
                                                                  R
CAC AAC CTC CTG GTC TGC TCT GTG AAT GGT TTC TAT CCA GGC AGC ATT GAA GTC AGG TGG
                                     511/171
F R N
                  E
                        K
                             Т
                                   V V S
         G
              Q
                      Ε
                               G
                                               T
                                                   G ·
                                                       L
                                                           Ι
TTC CGG AAC GGC CAG GAA GAG AAC ACT GGG GTG TCC ACA GGC CTG ATC CAG AAT GGA
541/181
                                     571/191
D W
           F
              Q
                  T
                      Τ.
                         V
                             M
                                     E T V
                                               P
                                                   R
                                                       S
                                                           G
                                                               Ε
GAC TGG ACC TTC CAG ACC CTG GTG ATG CTG GAA ACA GTT CCT CGG AGT GGA GAG GTT TAC
601/201
                                     631/211
T C
              Ε
                  Η
                      P
                          S
                             L
                                 T
                                     S P L
                                               Т
                                                   V
                                                       Ε
                                                           W
                                                              R
ACC TGC CAA GTG GAG CAC CCA AGC CTG ACG AGC CCT CTC ACA GTG GAA TGG AGA GCA CGG
661/221
                                    691/231
S E S
         . A
             Q
                  S
                      Κ
                         GG
                                 S
                                    G G S
                                              A
                                                  Q
                                                      L
                                                          K
TCT GAA TCT GCA CAG AGC AAG GGC GGC TCC GGT GGT AGC GCC CAG CTG AAG AAA CTC
721/241
                                     751/251
Q A L
         K K
                  K
                      N
                             Q
                                    K Q K
                                                   Q
                                                          L
                         А
                                 L
                                               L
                                                       Α
                                                              K
CAG GCT CTG AAA AAA AAG AAT GCC CAG CTC AAG CAG AAG CTG CAG GCC CTG AAG AAA AAG
781/261
                                    811/271
  A 0
              S
                  G
                     G
                         S
                             A G
L
         G
                                    G G L
                                              N
                                                   D,
                                                          F
                                                              Ε
                                                       Ι
                                                                  Α
CTG GCT CAG GGT TCC GGT GGT TCC GCG GGT GGT TTG AAC GAC ATC TTC GAA GCT CAG
  I
      Ε
              Η
AAA ATC GAA TGG CAC TAA TAA
```

Fig 32

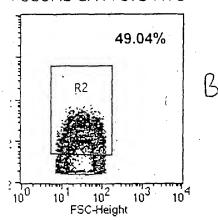




LIPOSOME-GM1



POSOME-GM1+CTB FITC



	*				
Name	Parameter	Gate		050 4544	WOATED NO
lip.001	FL1-H	G1	p MOLES CTB FITC	GEO MEAN	%GATED M2
lip.002	FL1-H	G1	CONTROL-0	2.32	8.1
lip.003	FL1-H	G1	25pMOLES	2.25	6.1
нр.003	L'E 1-14	U 1	50 pMOLES	3.17	27.2
lip 004	FL1-H	G1	100pMOLES	2.78	20.4
lip.005	FL1-H	G1	200pMOLES	3.07	27.5
lip.006	FL1-H .	G1	400pMOLES	3.52	40.4
lip.007	FL1-H	G1	800pMOLES	5.59	73.0
lip.008	FL1-H	G1	2000pMOLES	7.57	82.4
lip.009	FL1-H	G1	5000pMOLES	20.82	97.1

Fig 36

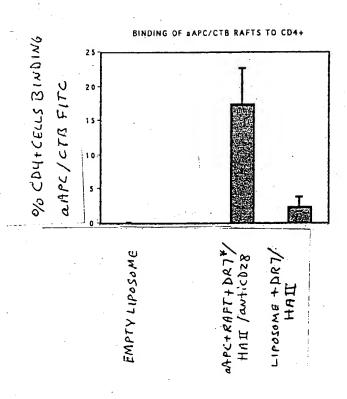


Fig 37

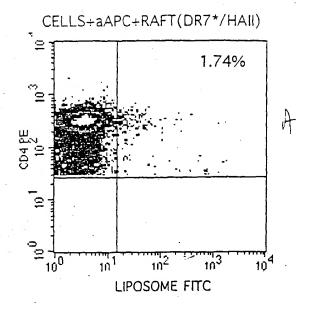
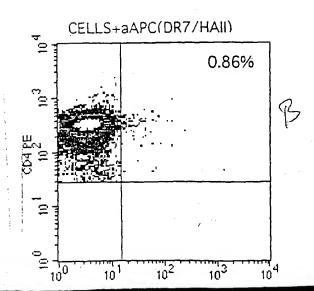
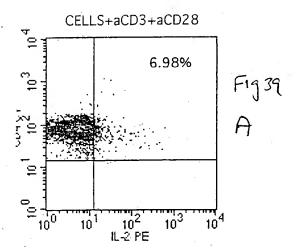
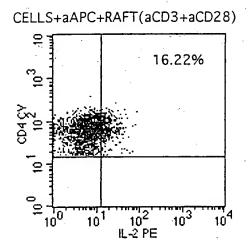


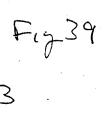
Fig. 3BA

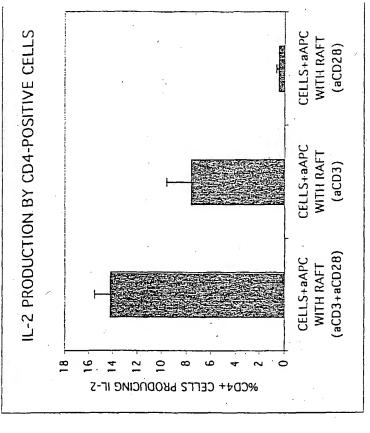




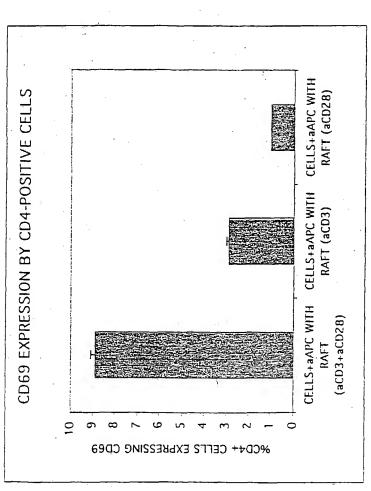


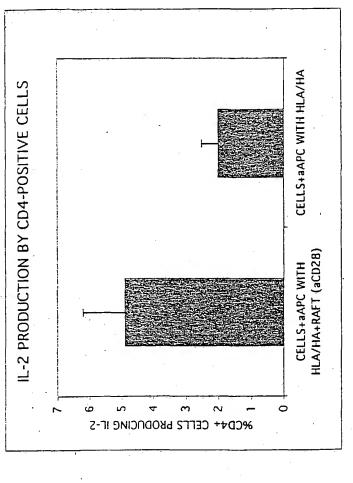


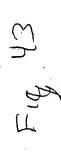












F-13 42

